

## MATHS CLUB ACTIVITY REPORT

1. Date & Time of the Workshop: 19<sup>th</sup> July|| 7:40 AM- 8:30 AM
2. Venue: CLASSROOM (VIIIIB)
3. Organizer: Maths Club
4. Attended by (no. of students, with class & section):-25 students of Maths Club VI-XI
5. Activity Name - Mysteries of Cycle and Wheel
6. Key highlights / main points
  - Momentum, along with a rider's balance, helps keep the bike stable while traveling along a path. The force used by pedalling allows the gears of a bike to spin the back wheel. As the back wheel rotates, the tire uses friction to grip the surface and move the bike in the desired direction.
  - Concept of RPM (Round per minute) has been discussed with the students. Relation of distance covered and speed with RPM has been discussed.
  - History of wheels and invention of cycle have been discussed with students.
  - Students do the practical of how distance cover by a wheel depends on wheel size using bicycle wheel and thread. They also understand that a wheel of smaller radius needs to make more revolution to complete the distance by bigger one.

### Glimpses of the workshop-





7. Feedback (student /staff):

The students thoroughly enjoyed the session, it was an interactive and informative session. This session surely gave a lot of insight about the Maths club and help students to understand the mysteries of Cycle and Wheel.

8. Date of Report Submission: 20<sup>th</sup> July, 2023

**TEACHER INCHARGE:** Mr. Harpal Singh, Mr. Gagandeep Bhatia